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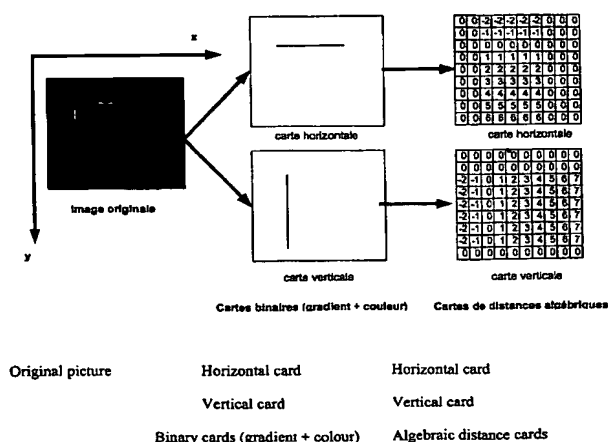
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(54) Title: AUTOMATIC RESETTING METHOD INTENDED FOR A GEOMETRIC MODEL OF A SCENE OVER A PICTURE OF THE SCENE, IMPLEMENTING DEVICE AND PROGRAMMING MEDIUM



(57) Abstract: The invention concerns a device and an automatic resetting method using electronic means intended for a geometric model of a scene over a picture of the scene including fixed references, the electronic means comparing the picture with model having been adjusted in perspective by homography for superimposition of the references. According to the invention, the electronic device calculates a fine homography function  $H_f$  for resetting into three phases: a first preliminary phase of determination of an average resetting homography consisting in determining an average homography function  $H_m$  applicable to the model with average adjustment over a sample of pictures of the scene taken previously, a second, rough resetting phase consisting after application of the average homography function  $H_m$ , to the model in determining a rough homography function  $H_g$ , and a third, fine resetting phase consisting after application of the rough homography function  $H_g$  to the model in determining the fine homography function  $H_f$ .



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